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APR 11 1969

CURRENT SERIAL RECORDS

WATER SUPPLY OUTLOOK FOR UTAH

and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

UNITED STATES DEPARTMENT of AGRICULTURE--SOIL CONSERVATION SERVICE,

and

UTAH STATE DEPARTMENT OF NATURAL RESOURCES -- DIVISION OF WATER RIGHTS

In cooperation with U.S. Forest Service, Bureau of Reclamation, Utah Fish and Game Dept., Utah State University, U.S. National Park Service, U.S. Geological Survey; and other Federal, State, and private organizations.

AS OF
APR. 1, 1969

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1400 snow courses in Western United States and in the Columbia Basin in British Columbia. In the near future, it is anticipated that automatic snow water equivalent sensing devices along with radio telemetry will provide a continuous record of snow water equivalent at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, Western Regional Technical Service Center, Room 209, 701 N. W. Glisan, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	P. O. Box "F", Palmer, Alaska 99645
Arizona	6029 Federal Building, Phoenix, Arizona 85205
Colorado (N. Mex.)	12417 Federal Building, Denver, Colorado 80521
Idaho	P. O. Box 38, Boise, Idaho 83707
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1218 S. W. Washington St., Portland, Oregon 97205
Utah	4012 Federal Building, Salt Lake City, Utah 84111
Washington	360 U.S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 340, Casper, Wyoming 82602

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia



WATER SUPPLY OUTLOOK FOR UTAH

and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

KENNETH E. GRANT

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WASHINGTON, D.C.

|||||

Released by

A.R. SWANSON

STATE CONSERVATIONIST
SOIL CONSERVATION SERVICE
SALT LAKE CITY, UTAH

In Cooperation with

HUBERT C. LAMBERT

STATE ENGINEER
DIVISION OF WATER RIGHTS
UTAH STATE DEPT. OF NATURAL RESOURCES

|||||

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PROSPECTIVE WATER SUPPLIES

Based on Snow Surveys Made on
UTAH and BEAR RIVER WATERSHEDS

April 1, 1969

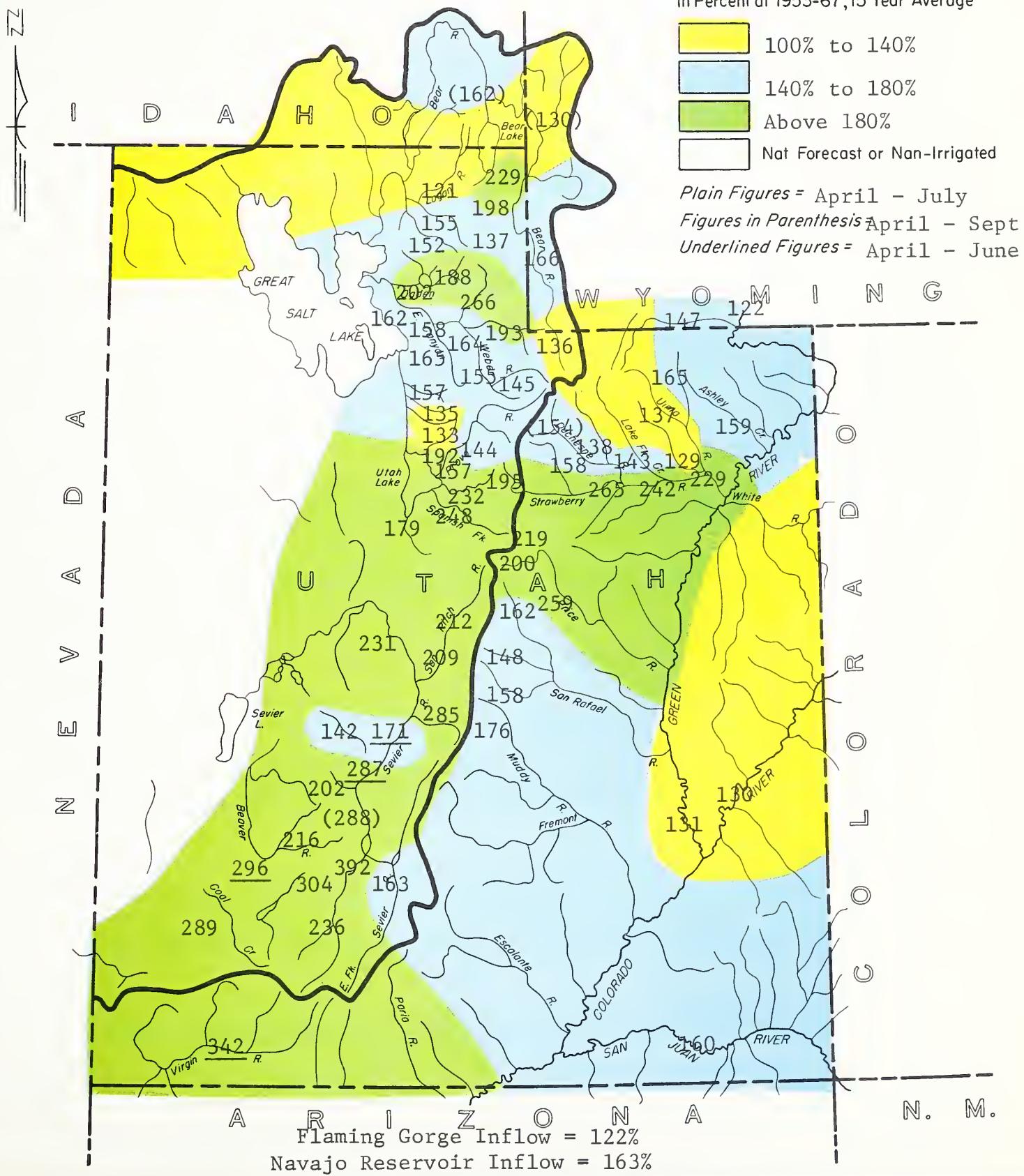
Approximate Date

50 0 50 100
SCALE IN MILES

FORECAST STREAM FLOW
in Percent of 1953-67, 15 Year Average

100% to 140%
140% to 180%
Above 180%
Nat Forecast or Non-Irrigated

Plain Figures = April - July
Figures in Parenthesis April - Sept.
Underlined Figures = April - June



WATER SUPPLY OUTLOOK

WATER SUPPLY OUTLOOK

APRIL 4, 1969

NORTHERN UTAH

March was dry in northern Utah with mountain precipitation stations showing well below average catches. Many snow courses showed little if any increases and some lost water during the month. Snow cover ranges from 110% to average on the Logan River to 200% on the American Fork watershed. Snow cover on the Ogden is 148% and 140% on the upper Weber. The Wasatch front watershed, near Salt Lake has dropped to about 132% of average. Spanish Fork River has 166% average snow cover and the Oquirrh Mountains above Tooele are 170% of the April 1, average.

Some reservoirs in this section of the state have been releasing water to make room for spring runoff but all are expected to refill as runoff progresses. Bear Lake now holds 1,043,800 acre feet, Hyrum 10,700, Pineview 32,920, Deer Creek 95,180, East Canyon 27,460, Echo 21,270, and Utah Lake 863,000 acre feet.

Streamflow forecasts dropped slightly and now range 121% on the Logan River to 266% on Lost Creek for the April-July period. Blacksmith Fork is expected to flow 65,000 acre feet (155%) and the Little Bear near Paradise 64,000 (152%).

Bear River near the Utah-Wyoming line is forecast to flow 144,000 (136%) and Big Creek near Randolph 9,500 (198%).

WATER SUPPLY OUTLOOK (continued)

The Weber near Oakley is forecast to flow 157,000 acre feet (145%) during the April-July period and Rockport Reservoir inflow is expected to be 175,000 (155%). Pineview Reservoir inflow forecast at 202% or 190,000 acre feet and the South Fork of the Ogden is expected to flow 90,000 acre feet or 188% of average for the April-July period.

Forecast for streams in the Salt Lake area dropped and are now expected to vary from 133% of average on Little Cottonwood Creek to 162% on Farmington Creek. Parleys Creek and Big Cottonwood on Farmington Creek. Parleys Creek and Big Cottonwood are forecast at 157% and 135% respectively.

The inflow to Utah Lake is forecast to be 340,000 acre feet or 174% of average during the April-July period. Spanish Fork is expected to flow 67,000 acre feet (248%), American Fork 50,000 (192%) and the Provo below Deer Creek Dam 170,000 (157%) during the April-July period.

EASTERN UTAH

Eastern Utah received less than average increases to the snow pack in March but cool temperatures allowed little snow melt until late in the month.

The snow cover now ranges from 86% on the Black's Fork and Smiths Fork Rivers on the North side of the Uintahs to 182% on the Uinta River on the South side.

The upper Strawberry basin is 164% of average and the Duchesne 145%.

Lake Fork and Ashley Creeks are 166% and 180% respectively.

The Price River has 168% of average snow water, the San Rafael 155% and the Muddy 166%. The LaSal and Blue Mountains in South Eastern Utah have 142% and 218% of average snow water for April 1.

Strawberry Reservoir now holds 156,690 acre feet or 127% average and Moon Lake has 26,760 (157%). Steinaker Reservoir has 26,490 acre feet in storage or 146% of 1st April 1 average.

Scofield has 39,030 acre feet (169%) and Joe's Valley has 29,080 acre feet in storage.

Streamflow forecasts range from 129% of average for the April-July period on Yellowstone Creek to 265% on the Strawberry at Duchesne. The mean daily peak flow on this stream is expected to range from 1110-1935 c.t.s.

The Duchesne at Tobiona is forecast to flow 197,000 acre feet (158%) during the April-July period and the Duchesne at Myton 355,000 acre feet (242%). Rock Creek is forecast to flow 121,000 (138%), Lake Fork 90,000 (143%), Yellowstone 76,000 (129%), Uintah 108,000 (137%), Whiterocks 84,000 (165%) and Ashley Creek 70,000 (159%).

WATER SUPPLY OUTLOOK (continued)

Scofield Reservoir inflow is forecast to be 70,000 acre feet 219% during the April-July period and Price River at Heiner is expected to flow 140,000 acre feet (259%).

Huntington Creek is forecast to flow 68,000 acre feet (162%), Ferron Creek is expected to flow 54,000 acre feet (158%) and Cottonwood Creek 65,000 acre feet (148%). Muddy Creek is forecast to flow 30,000 acre feet (176%) during the April-July period.

Streams heading on the Blue and LaSal Mountains near Monticello and Moab are expected to produce higher than average flows this season.

CENTRAL AND SOUTHERN UTAH

March weather was cool and delayed snow melt in Southern Utah. Storms were spotty but added water to an already heavy snow pack over much of this part of the state and when the sudden warm weather hit about last week of the month rapid snow melt occurred causing flooding in the Enterprise area.

Snow cover now ranges from 142% of the average water content on Salina Creek to nearly 6 times average at Bryce Canyon Park Headquarters. The upper Sevier and Virgin Watersheds have almost 300% of average snow water contents and the East Fork Sevier is 207% of average. Coal Creek above Cedar City has 277% of average snow water content.

The Beaver River is 197%, Clear Creek 170%, and Chalk Creek near Fillmore 146% of average. Streams running into the San Pitch are 148-159% of average snow cover for April 1.

Reservoir Storage on the Sevier is good. Storage in Otter Creek was 48,950 acre feet on April 1, Puite held 60,340 acre feet and Sevier Bridge held 164,600 acre feet. Gunnison Reservoir is full and spilling. Minersville Reservoir is also full.

Streamflow forecasts in the Southern part of the state range from 392% on the Sevier at Kingston down to 142% on Chalk Creek near Fillmore.

The Sevier at Hatch is expected to flow 78,000 acre feet during the April-July period with a maximum mean daily peak of 815-1060 c.f.s.

The forecast for Beaver River for the April-July period is 35,000 acre feet (216%) and the inflow to Rockyford Reservoir is expected to be 15,000 acre feet During the April-June period.

The Virgin River at Virgin is expected to flow 130,000 acre feet (April-June) or 342% of average. The maximum mean daily peak flow on the Virgin is expected to be 2370-2850 c.f.s.

WATER SUPPLY OUTLOOK (continued)

Forecasts on the mainstem of the Polorado range form 122% of average for the inflow to Flaming Gorge to 137% for the inflow to Lake Powell. Navjo Reservoir inflow is expected to be 163% of average and the San Juan near Bluff is expected to flow 160% of average for the April-July period.

RESERVOIR STORAGE (1,000 Ac. Ft.)

BASIN or STREAM	RESERVOIR	USABLE CAPACITY	MEASURED (FIRST OF MONTH)		
			THIS YEAR	LAST YEAR	AVERAGE ^a
<u>GREAT BASIN</u>					
<u>Bear River</u>	Bear Lake	1421.0	1043.8	1123.6	895.2
	Woodruff Narrows	26.5	26.5	26.5	- -
<u>Beaver River</u>	Minersville (Rocky Ford)	23.3	23.5	18.5	11.9
<u>Little Bear</u>	Hyrum	15.3	10.7	13.6	13.1
	Porcupine	11.3	3.5	5.5	- -
<u>Ogden</u>	Causey	7.1	5.4	6.1	- -
	Pineview	110.1	32.9	60.9	29.9
<u>Provo</u>	Deer Creek	149.7	95.2	108.9	90.1
<u>Sevier River</u>	Gunnison	18.2	18.5	18.3	- -
	Otter Creek	52.5	49.0	35.8	27.9
	Piute	71.8	60.4	56.2	38.8
	Sevier Bridge	236.0	164.6	107.0	95.8
<u>Spanish Fork</u>	Strawberry	270.0	156.7	130.8	123.1
<u>Utah Lake</u>	Utah Lake	883.9c	863.0	795.7	600.3
<u>Weber</u>	East Canyon	48.1	27.5	40.1	13.7
	Echo	73.9	21.3	43.1	41.3
	Lost Creek	20.0	8.8	10.7	- -
	Rockport	60.9	26.5	44.8	24.2
	Willard Bay	193.3	115.2	144.2	- -
<u>COLORADO RIVER DRAINAGE</u>					
<u>Ashley Creek</u>	Steinaker	33.3	26.5	29.5	- -
<u>Colorado</u>	Blue Mesa	829.5	346.8	347.5	- -
	Lake Powell	25002.0	7392.0	7850.0	5156.0
<u>Green</u>	Flaming Gorge	3749.0	1622.7	2061.0	1231.0
<u>Lake Fork</u>	Moon Lake	35.8	26.8	24.6	17.1
<u>Price River</u>	Scofield	65.8	39.0	48.5	23.1
<u>San Rafael</u>	Joes Valley	54.6	29.1	18.9	- -
<u>San Juan</u>	Navajo	1696.4	662.5	598.4	- -

UTAH STREAMFLOW FORECASTS^a (1,000 Ac. Ft.)

FORECAST POINT	FORECAST THIS YEAR	THIS YEAR AS PERCENT OF AVERAGE	FORECAST PERIOD	LAST YEAR	AVERAGE a
<u>BEAR RIVER SYSTEM</u>					
Bear at Harer, Idaho	365	162	Apr-Sept	231	226
Bear nr Randolph	165	229	Apr-July	125	72
Bear nr Ut-Wyo State Line	144	136	Apr-July	135	106
Bear nr Woodruff	173	166	Apr-July	154	104
Big Crk nr Randolph, Utah	9.5	198	Apr-July	2.8	4.8
Blacksmith Fork nr Hyrum	65	155	Apr-July	38	42
Little Bear nr Paradise	64	152	Apr-June	32	42
Logan nr Logan (1)	120	121	Apr-July	99	99
Smith's Fork nr Border, Wyoming	140	130	Apr-Sept	76	108
Woodruff Crk nr Woodruff, Utah	18.5	137	Apr-July	12	13.5
<u>WEBER-OGDEN RIVERS</u>					
Chalk Crk. at Coalville	54	193	Apr-July	46	28
East Canyon Crk. nr Morgan (2)	30	165	Apr-July	25	18.2
Hardscrabble Crk nr Porterville	22	158	Apr-July	18.2	13.9
Lost Crk. nr Croydon, Utah	33	266	Apr-July	11.4	12.4
Pineview Reservoir Inflow (3)	190	202	Apr-July	94	94
South Fork Ogden nr Huntsville	90	188	Apr-July	48	48
Rockport Reservoir Inflow (4)	175	155	Apr-July	153	113
Weber nr Coalville (5)	180	164	Apr-July	149	110
Weber nr Oakley	157	145	Apr-July	136	108
<u>PROVO RIVER & UTAH LAKE</u>					
American Fork nr American Fork	50	192	Apr-July	33	26
Hobble Crk. nr Springville	33	232	Apr-July	19.9	14.2
Provo nr Hailstone (6)	135	144	Apr-July	116	94
Provo below Deer Crk. Dam (7)	170	157	Apr-July	133	108
Spanish Fork at Thistle	67	248	Apr-July	46	27
Strawberry Reservoir Inflow (8)	80	195	Apr-July	60	41
Utah Lake Inflow	340	174	Apr-July	267	195
<u>JORDAN RIVER & SALT LAKE</u>					
Big Cottonwood nr SLC	46	135	Apr-July	38	34
Farmington Crk nr Farmington	11.0	162	Apr-July	8.5	6.8
Little Cottonwood Crk nr SLC	44	133	Apr-July	39	33
Parley's Crk nr SLC	13.8	157	Apr-July	14.2	8.8

UTAH STREAMFLOW FORECASTS ^a (1,000 Ac. Ft.)

FORECAST POINT	FORECAST THIS YEAR	THIS YEAR AS PERCENT OF AVERAGE	FORECAST PERIOD	LAST YEAR	AVERAGE ^a
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SEVIER RIVER

Chalk Creek nr Fillmore	20	142	Apr-July	- -	14.1b
Clear Crk nr Sevier (abv. Div.)	25	202	Apr-July	- -	12.4
East Fork Sevier nr Kingston (9)	20	163	Apr-July	11.8	12.3
Antimony Crk nr Antimony	11.5	147	Apr-July	7.3	7.8b

Inflow

Kingston to Vermillion Dam	86	287	Apr-June	- -	30 b
Vermillion Dam to Gunnison	77	171	Mar-June	- -	45 b
Salina Crk at Salina (10)	16.8	285	Apr-June	15.4	5.9*
Sevier nr Circleville	82	304	Apr-July	- -	27
Sevier nr Gunnison	74	231	Apr-July	- -	32 b
Sevier at Hatch	78	236	Apr-July	56	33
Sevier nr Kingston	60	392	Apr-July	- -	15.3
Sevier below Piute Dam (11)	72	288	Apr-July	- -	25

SAN PITCH RIVER

Ephraim Creek nr Ephraim	29	209	Apr-July	- -	13.9b
Pleasant Crk. nr Mt. Pleasant	16.5	212	Apr-July	11.5	7.8b
Twin Crk. nr Mt. Pleasant	7.8	- -	Apr-Sept	- -	- -

BEAVER RIVER

Beaver nr Beaver	35	216	Apr-July	30	16.2
Rockyford Reservoir Inflow (12)	15.0	306	Apr-June	- -	4.9

COAL CREEK

Coal Crk nr Cedar City	39	289	Apr-July	22	13.5
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COLORADO

GREEN RIVER TRIBUTARIES IN UTAH

FLAMING GORGE TO DUCESNE RIVER

Ashley Creek nr Vernal	70	159	Apr-July	60	44
Henry's Fork at Linwood	56	147	Apr-Sept	- -	38

UTAH STREAMFLOW FORECASTS^a (1,000 Ac. Ft.)

FORECAST POINT	FORECAST THIS YEAR	THIS YEAR AS PERCENT OF AVERAGE	FORECAST PERIOD	LAST YEAR	AVERAGE ^a
DUCESNE RIVER					
Duchesne nr Hanna	80	154	Apr-Sept	39	52b
Duchesne nr Tabiona (13)	147	158	Apr-July	116	93
Lakefork below Moon Lake (14)	90	143	Apr-July	81	63
Rock Crk nr Mtn. Home	121	138	Apr-July	109	88
Strawberry at Duchesne	130	265	Apr-July	- -	49
Uinta nr Neola	108	137	Apr-July	112	79
Whiterocks nr Whiterocks	84	165	Apr-July	75	51
Yellowstone nr Altonah	76	129	Apr-July	82	59
Duchesne at Myton	355	242	Apr-July	240	147
Duchesne at Randlett	600	229	Apr-July	350	262
PRICE RIVER					
Gooseberry Crk. nr Scofield	20	200	Apr-July	11.7	10.0
Price nr Hiener (15)	140	259	Apr-July	89	54
Scofield Reservoir Inflow (15)	70	219	Apr-July	45	32
SAN RAFAEL RIVER					
Cottonwood Crk nr Orangeville	65	148	Apr-July	- -	44
Ferron Crk nr Ferron	54	158	Apr-July	39	34
Huntington Crk nr Huntington	68	162	Apr-July	63	42
MUDY RIVER					
Muddy Creek nr Emery	30	176	Apr-July	- -	17.0b
VIRGIN RIVER					
Virgin nr Virgin	130	342	Apr-June	51	38
UPPER COLORADO BASIN					
Colorado nr Cisco, Utah (15)	3645	130	Apr-July	3653	2802
Flaming Gorge Inflow (3)	1285	122	Apr-July	1061	1054
Lake Powell Inflow (3)	8970	137	Apr-July	7247	6527
Green at Green River, Utah (15)	3361	131	Apr-July	1796	2574
San Juan nr Bluff, Utah (15)	1425	160	Apr-July	923	890
Navajo Reservoir Inflow	1010	163	Apr-July	591	619

PEAK FLOWS (Maximum Mean Daily) (Av. flow for 24 hrs. on day of greatest flow)

FORECAST POINT	PEAK FLOW (second feet)		15-YR. AVERAGE 1953-67
	FORECAST	RANGE	

NORTHERN UTAH

Big Creek near Randolph	70 - 110	43
Big Cottonwood Creek near SLC	450 - 600	
Hobble Creek near Springville	395 - 660	180
Spanish Fork near Thistle	580 - 1070	307
So. Fork Ogden River nr Huntsville	1100 - 1560	

EASTERN UTAH

Ferron Creek near Ferron	550 - 860	414
Muddy Creek near Emery	200 - 330	142
Strawberry River at Duchesne	1110 - 1935	558

SOUTHERN and CENTRAL UTAH

Beaver River near Beaver	330 - 600	215
Clear Creek near Sevier	260 - 320	156b
Coal Creek near Cedar City	440 - 715	217
Salina Creek near Salina	325 - 400	133*
Sevier River at Hatch	815 - 1060	370
Sevier River at Circleville	865 - 1075	292
Sevier River at Kingston	1000 - 1100	223

LOW FLOW FORECASTS

FORECAST POINT	DATE STREAMFLOW RECEDES TO LOW FLOW VALUE*	LOW FLOW VALUE	AVERAGE DATE OF LOW FLOW VALUE
Clear Creek nr Sevier (above div.)	Aug. 13	15	July 28
Salina Creek at Salina	June 16	25	June 10
Sevier at Circleville(Circle Valley)	July 25	90	June 24
Sevier at Hatch(upper Panguitch Valley)	Aug. 20	100	July 10

PRIMARY WATER RIGHTS (Percent of)

RIVER SECTION	FORECAST THIS YEAR	AVERAGE DELIVERED DURING 15 YEARS 1953-67	FORECAST PERIOD
Sevier River			

Sevier River

Below Vermillion Dam	75	58	April-Sept
Circle Valley	90	66	April-Sept
Panguitch Valley	100	84	April-Sept
Sevier Valley	68	40	April-Sept

OTHER SPECIAL FORECASTS

Below Vermillion - Flow above 360 second feet - 3,000 - 4,000 acre feet not including flow added by the San Pitch River.

Inflow to Sevier Bridge reservoir from October 1 to March 31 has already exceeded 113,000 acre feet.

COMPARISON of SNOW COVER

RIVER BASIN or TRIBUTARY WATERSHED	NO. of COURSES AVERAGED	THIS YEARS SNOW WATER EXPRESSED AS PERCENT OF :	
		LAST YEAR	AVERAGE ^a

BEAR RIVER

Bear River So. of Evanston, Wyo.	4	122	124
Blacksmith Fork - Little Bear River	5	161	142
Cub River (Idaho)	2	104	102
Emigration Creek (Idaho)	2	115	132
Logan River	6	121	110
Malad River	1	171	166
Smith's Fork of Bear River (Wyo.)	5	139	122
Strawberry-Mink Creeks	3	111	123

WEBER-OGDEN RIVERS

Chalk Creek Above Coalville	3	129	129
East Canyon Creek	3	121	132
Farmington Creek	2	118	134
Ogden River	5	163	148
Weber River Above Coalville	8	133	140

UTAH LAKE, JORDAN RIVER & TOOKELE VALLEY

American Fork River	3	178	200
Hobble Creek	2	140	177
Mt. Nebo Area	2	138	133
Provo River above Deer Creek Dam	6	144	150
Salt Lake Area	4	123	132
Spanish Fork River	5	147	166
Strawberry Reservoir Valley	3	142	164
Tooole Area	3	158	170

SEVIER RIVER

Beaver River	3	155	197
Chalk Creek near Fillmore	2	116	146
Chicken Creek near Levan	1	127	141
Clear Creek above Sevier	1	132	170
East Fork Sevier River	5	131	207
Ephraim Creek	2	126	128
Manti Creek	2	134	148
Mt. Pleasant Area	3	141	159
Salina Creek	2	124	142
Sevier River above Panguitch	6	194	298
Twelve Mile Creek near Mayfield	2	134	149

COMPARISON of SNOW COVER

RIVER BASIN or TRIBUTARY WATERSHED	NO. of COURSES AVERAGED	THIS YEARS SNOW WATER EXPRESSED AS PERCENT OF :	
		LAST YEAR	AVERAGE

UINTAH BASIN & NORTH SLOPE UNTAH MOUNTAINS

Ashley-Brush Creeks	4	147	180
Black's Fork & Smith's Fork Rivers	4	89	86
Duchesne River above Tabiona	4	135	145
Henry's Fork River & Sheep Creek	5	116	121
Lakefork River	2	159	166
Strawberry River	5	155	133
Uintah-Whiterocks Rivers	4	164	182

CARBON, EMERY, WAYNE, GRAND & SAN JUAN COUNTIES

Blue Mountains near Monticello	2	132	218
Fremont River	5	126	181
LaSal Mountains near Moab	2	98	142
Muddy River	2	122	166
Price River	7	149	168
San Rafael River	9	141	155

EAST GARFIELD, KANE, WASHINGTON & IRON COUNTIES

Coal Creek near Cedar City	4	199	277
Escalante River	3	133	208
New Harmony to Newcastle	1	178	272
Paria River	1	189	595
Parowan Creek	3	133	168
Virgin River	4	202	297

LEGEND

BEAR RIVER BASIN

10 0 10 20 30
SCALE IN MILES

Watershed Boundary

Soil Conservation District Bdry.

County Boundary

Forecast Point

Snow Course

S.C.S. Storage Gage

W.B. Storage Gage

Aerial Snow Depth Gage

Radio Telemetry

Radio Base Station

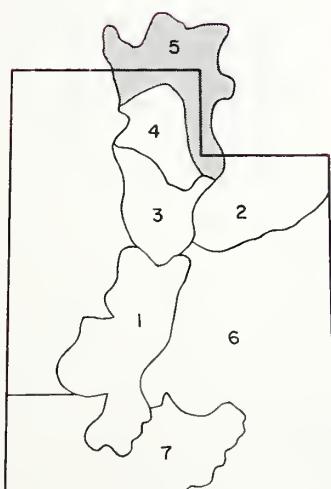
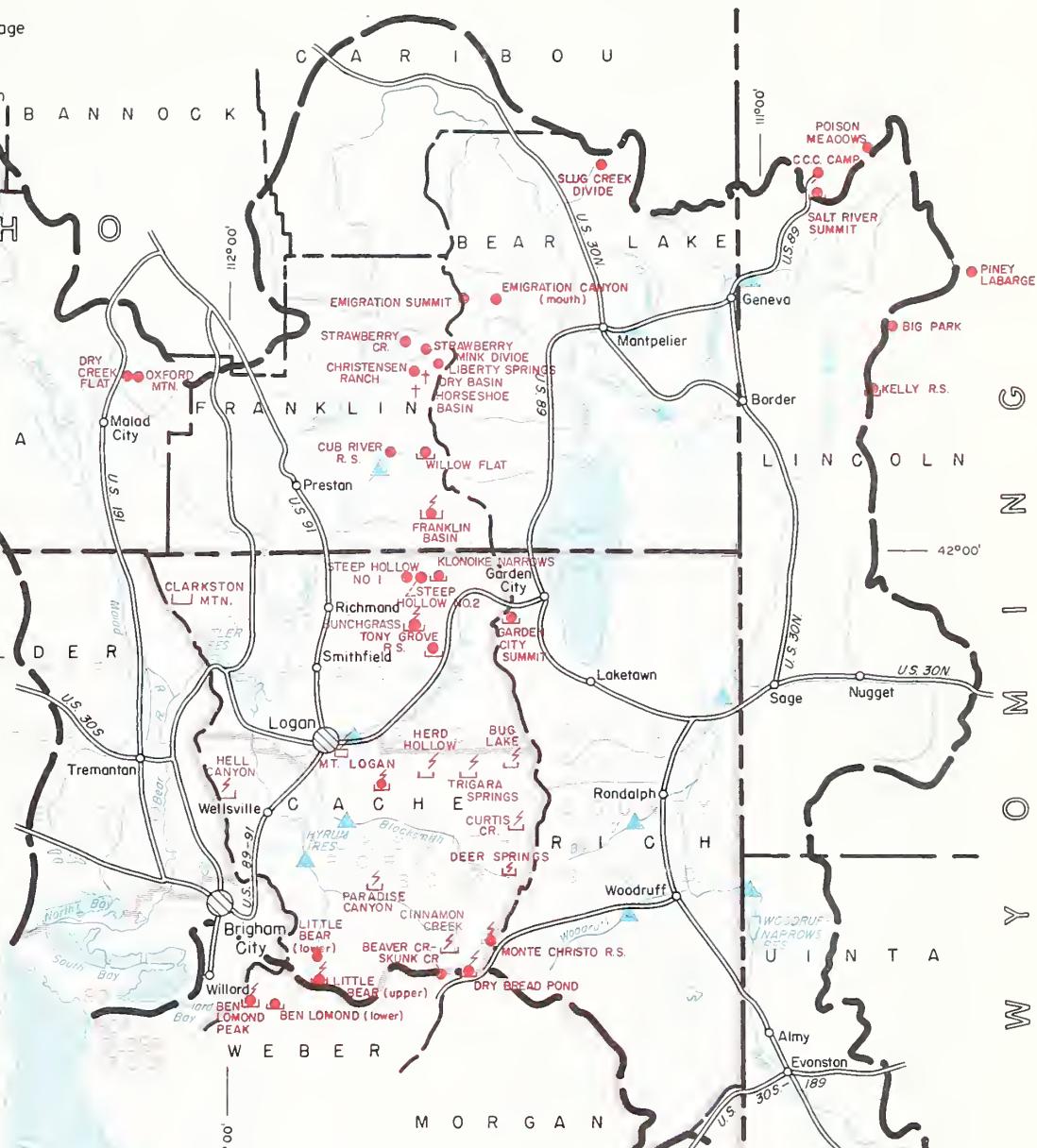
BANNOCK

POWER H

IDA

ONEIDA

BOX ELDER



WATERSHED LOCATION

INDEX

NO.	STATE	NAME	SE C.	TWP.	RGE.	ELEV.
UPPER BEAR RIVER (above Harer, Idaho)						
10G11	W	Big Park	7	27N	117W	8,700
10J6	U	Burts-Miller Ranch	19	3N	10E	7,900
10G7	W	CCC Camp x	9	29N	118W	7,500
10J36p	U	Gold Hill	11	1N	9E	10,000
10J7	U	Hayden Fork	1	1S	9E	9,300
10G12	W	Kelly Ranger Station	13	26N	118W	8,200
10J35p	U	Lily Lake	34	2N	10E	9,300
11H12P	U	Monte Cristo R.S.	4	8N	4E	8,960
10G10	W	Piney LaBarge x	19	29N	114W	8,820
10G6	W	Poison Meadows x	29	30N	116W	8,500
10G8P	W	Salt River Summit x	32	29N	118W	7,900
10J17P	U	Stillwater Camp	32	2N	10E	8,550
LOWER BEAR RIVER (below Harer, Idaho)						
11H14M	U	Beaver Creek-Skunk Creek	22	8N	3E	7,150
11H37p	U	Bug Lake	18	11N	5E	7,950
11H36p	U	Bunchgrass	5	13N	3E	8,400
11G11	I	Christensen Ranch	27	13S	41E	5,600
11H38p	U	Cinnamon Creek	5	8N	3E	7,300
12H1p	U	Clarkston Mtn.	29	14N	2W	6,300
11G12	I	Cub River Ranger Station	5	15S	41E	5,400
11H39p	U	Deer Springs	34	10N	4E	8,400
11G14a	I	Dry Basin	30	13S	42E	7,900
11H13MP	U	Dry Bread Pond	19	8N	4E	8,230
12G4	I	Dry Creek Flat	31	13S	37E	6,350
11G6	I	Emigrant Summit	21	12S	42E	7,350
11G7	I	Emigration Canyon (mouth)	24	12S	42E	6,500
11G8M	I	Franklin Basin	1	16S	41E	8,000
11H7MP	U	Garden City Summit	35	14N	4E	7,600
12H2p	U	Hell Canyon	24	11N	2W	6,400
11H40p	U	Herd Hollow	4	11N	3E	7,000
11G15a	I	Horseshoe Basin	31	13S	42E	8,000
11H1MP	U	Klondike Narrows	10	14N	3E	7,400
11G13	I	Liberty Springs	7	13S	42E	8,420
11H26	U	Little Bear (lower)	15	8N	1E	5,800
11H25P	U	Little Bear (upper)	22	8N	1E	6,550
11H12P	U	Monte Cristo R.S.	3	8N	4E	8,960
11H6	U	Mt. Logan	3	11N	2E	9,000
12G3	I	Oxford Mountain	32	13S	37E	6,800
11H46p	U	Paradise Canyon	36	10N	2E	7,650
11G5	I	Slug Creek Divide	15	10S	44E	7,225
11H4	U	Spring Hollow (lower)	26	12N	2E	7,000
11H5	U	Spring Hollow (upper)	35	12N	2E	8,000
11H27	U	Steep Hollow #1	7	14N	3E	8,500
11H28	U	Steep Hollow #2	9	14N	3E	7,700
11G9	I	Strawberry Creek	9	13S	41E	5,800
11G10	I	Strawberry Mink Divide	14	13S	41E	6,800
11H3M	U	Tony Grove Ranger Station	11	13N	3E	6,250
11H41p	U	Trigara Springs	29	12N	4E	7,600
11G4P	I	Willow Flat	2	15S	41E	6,100

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
10J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE
10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD		
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (inches)	WATER CONTENT (inches)	WATER CONTENT (inches)	LAST YEAR	AVERAGE

BEAR RIVER BASIN

UPPER BEAR RIVER
(Above Harer, Idaho)

Big Park x	10G11	8700	3/29	67	25.0	18.2	20.0
Burts-Miller Ranch	10J6	7900	3/20	25	7.3	6.3	6.1
CCC Camp x	10G7	7500	3/28	42	14.0	10.0	11.4
Hayden Fork	10J7	9300	3/20	52	17.6	15.5	15.8*
Kelly Ranger Station	10G12	8200	3/29	59	21.9	15.5	17.9
Monte Cristo R.S.	11H12	8960	3/26	71	27.1	20.7	24.7
Piney-LaBarge #2 x	10G10	8820	3/30	63	25.3	19.3	--
Poison Meadows x	10G6	8500	3/30	50	17.1	26.3	29.3
Salt River Summit	10G8	7900	3/28	51	18.1	12.6	15.2
Stillwater Camp	10J17	8550	3/20	40	12.1	9.9	11.1b
Trial Lake x	10J8	9800	3/28	82	31.4	24.0	25.0

LOWER BEAR RIVER
(Below Harer, Idaho)

Beaver Crk-Skunk Crk.	11H14	7150	3/26	52	19.3	9.8	11.0
Christensen Ranch	11G11	5600	3/31	20	7.6	9.6	7.2*
Cub River R.S.	11G12	5400	3/31	14	5.6	7.2	6.4*
Dry Bread Pond x	11H13	8230	3/26	64	24.7	14.9	17.0
Dry Creek Flat	12G4	6350	3/27	25	9.4	0.0	3.7*
Emigration Canyon	11G7	6500	3/28	35	13.1	11.6	9.6
Emigrant Summit	11G6	7700	3/28	72	29.5	25.2	22.9
Franklin Basin	11G8	8200	3/27	72	27.6	25.8	26.8
Garden City Summit	11H7	7600	3/27	55	19.8	14.0	18.1
Klondike Narrows	11H1	7400	3/27	58	23.1	18.0	19.4b
Little Bear (lower)	11H26	6100	3/25	42	15.4	8.3	7.8b
Little Bear (upper)	11H25	6850	3/25	49	18.1	10.7	10.6b
Monte Cristo R.S.	11H12	8960	3/26	71	27.1	20.7	24.7
Oxford Mountain	12G3	6800	3/27	37	12.8	7.5	7.7*
Slug Creek Divide	11G5	7225	3/28	49	18.3	15.3	15.4
Steep Hollow #1	11H27	8500	3/27	91	35.6	36.4	35.8b
Steep Hollow #2	11H28	7700	3/27	71	27.1	24.2	25.4b
Strawberry Creek	11G9	5800	3/28	35	13.0	12.1	10.1*
Strawberry Mink Divide	11G10	6800	3/28	61	22.5	20.9	20.1*
Tony Grove R.S.	11H3	6250	3/27	31	11.5	8.3	9.4
Willow Flat	11G4	6100	3/31	34	13.4	13.1	13.4*

PRECIPITATION DATA (Inches)

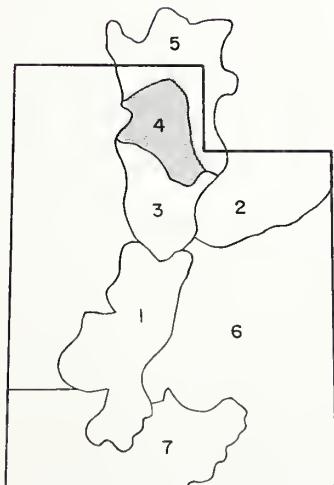
DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE

BEAR RIVER

Burt's-Miller Ranch	7900	3/20	- -	- -	8.77	- -	- -
Chalk Creek # 1 x	9100	3/27	2.37	- -	- -	- -	- -
Chalk Creek # 2 x	8000	- -	- -	3.14b	- -	14.96*	- -
Chalk Creek # 3 x	7500	3/25	2.33	2.54b	14.56	12.73b	114
Dry Bread Pond	8230	3/27	0.90	3.68b	- -	19.90*	- -
Garden City Summit	7600	3/27	1.03	3.16b	19.55	17.90*	109
Hayden Fork	9300	3/20	- -	- -	20.87	- -	- -
Klondike Narrows	7400	- -	- -	3.88b	- -	23.27*	- -
Little Bear (upper)	6850	3/27	1.86	3.10b	- -	18.46*	- -
Monte Cristo # 2	8960	3/26	1.10	4.97b	30.10	24.65b	122
Sagebrush Flat x	6300	3/26	0.45	2.60b	16.14	13.36b	121
Salt River Summit	7900	3/28	0.80	2.71b	17.65	15.69*	112
Stillwater Camp	8550	3/20	- -	- -	12.75*	12.58*	101
Tony Grove R.S. (SCS)	6250	3/27	1.28	2.65b	- -	18.75b	- -
Trial Lake x	9800	3/28	1.55	3.82b	28.64	21.18*	135
Willow Flat	6100	3/31	1.30	3.63*	24.77	21.15*	117

WEBER - OGDEN WATERSHEDS

10 0 10 20 30
SCALE IN MILES



WATERSHED LOCATION

LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- ▲ Forecast Point
- Snow Course
- S.C.S. Storage Gage
- W.B. Storage Gage
- ⚡ Radio Telemetry

INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
OGDEN RIVER						
11H14M	U	Beaver Creek-Skunk Creek	22	8N	3E	7,150
11H8	U	Ben Lomond Peak	3	7N	1E	8,000
11H9P	U	Ben Lomond (lower)	1	7N	1W	5,850
11H30P	U	Ben Lomond Trail	2	7N	1W	6,000
11H35p	U	Causey Dam	34	7N	3E	5,500
11H31	U	Cutler Creek	3	7N	1W	6,780
11H13MP	U	Dry Bread Pond	19	8N	4E	8,230
11H34p	U	Guilder's Peak	21	6N	4E	8,050
11H42p	U	Magpie	29	6N	3E	7,700
11H45p	U	Middle Fork Ogden	16	7N	2E	8,420
11H12P	U	Monte Cristo R.S.	3	8N	4E	8,960
11H10	U	Mt. Ogden	5	5N	1E	8,600
11H15P	U	Sagebrush Flat	21	7N	3E	6,300
11H11P	U	Snow Basin	32	6N	1E	6,420
WEBER RIVER						
11J24	U	Beaver Creek R.S.	28	2S	7E	7,500
11J1	U	Chalk Creek #1	4	1N	8E	9,100
11J2MP	U	Chalk Creek #2	17 & 20	2N	8E	8,000
11J3M	U	Chalk Creek #3	7	2N	8E	7,500
11J12P	U	Farmington Canyon (lower) x	14	3N	1E	6,950
11J11	U	Farmington Canyon (upper) x	26	3N	1E	8,000
11H44p	U	Francis Canyon	29	5N	6E	7,400
11J37p	U	Hardscrabble	16	2N	2E	6,500
11H43p	U	Hoodoo Knoll	22	5N	3E	8,350
11H21P	U	Horse Ridge	1	6N	4E	8,260
11H31	U	Kilfore Creek	20	6N	5E	7,300
11J14	U	Lamb's Canyon x	19	1S	3E	6,600
11H32P	U	Lost Creek	27	6N	5E	6,125
11J15P	U	Parley's Canyon Summit	9 & 10	1S	3E	7,600
11J38p	U	Porcupine	22	3N	7E	8,100
11J6	U	Reddon Mine (lower)	1	2S	6E	8,500
11J5	U	Reddon Mine (upper)	1	2S	6E	9,000
11J39p	U	Sergeant Lakes	17	1N	5E	8,400
11J40p	U	Shingle Mill Flat	15	1S	7E	9,900
11J16P	U	Silver Lake (Brighton) x	35	2S	3E	8,725
11J4P	U	Smith & Morehouse	25	1N	7E	7,600
10J8P	U	Trial Lake x	5	2S	9E	9,800

LEGEND

Numbering system (example)

I0J7	SNOW COURSE ONLY
I0J7P	SNOW COURSE AND PRECIPITATION GAGE
I0J7M	SNOW COURSE AND SOIL MOISTURE STATION
I0J7A	SNOW COURSE AND AERIAL MARKER
I0J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
I0J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE
I0J7m	SOIL MOISTURE STATION ONLY
I0J7a	AERIAL MARKER ONLY
I0J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD		
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	LAST YEAR	AVERAGE

WEBER-OGDEN WATERSHEDS

OGDEN RIVER

Beaver Crk-Skunk Crk.	11H14	7150	3/26	52	19.3	9.8	11.0
Ben Lomond (lower)	11H9	5850	3/25	56	21.4	14.1	13.5b
Ben Lomond Peak	11H8	8000	3/25	121	48.6	31.2	32.2
Ben Lomond Trail	11H30	6000	3/25	64	25.1	13.2	12.0b
Cutter Creek	11H29	6780	3/25	102	40.8	22.8	23.3b
Dry Bread Pond	11H13	8230	3/26	64	24.7	14.9	17.0
Monte Cristo R.S.	11H12	8960	3/26	71	27.1	20.7	24.7
Sagebrush Flat	11H15	6300	3/26	16	6.7	0.0	1.6

WEBER RIVER

Beaver Creek R.S.	11J24	7500	3/28	32	10.5	7.6	7.7
Chalk Creek # 1	11J1	9100	3/25	82	27.9	20.2	22.4
Chalk Creek # 2	11J2	8000	3/25	57	18.3	14.3	14.4
Chalk Creek #3	11J3	7500	3/25	32	9.6	7.9	7.1*
Farmington Canyon(lower)	11J12	6950	3/24	74	27.2	23.3	21.2
Farmington Canyon(upper)	11J11	8000	3/24	94	37.0	30.7	26.3
Lamb's Canyon x	11J14	6600	3/31	48	17.6	14.4	13.7
Parley's Canyon Smt.	11J15	7500	3/31	49	19.6	19.6	17.2
Reddon Mine (lower)	11J6	8500	3/27	67	26.4	17.7	17.3
Reddon Mine (upper)	11J5	9000	3/27	71	23.6	19.3	19.0
Silver Lake x	11J16	8725	3/28	84	37.4	26.3	24.1
Smith & Morehouse	11J4	7600	3/26	51	18.6	13.7	11.9
Trial Lake x	10J8	9800	3/28	82	31.4	24.0	25.0

PRECIPITATION DATA (Inches)

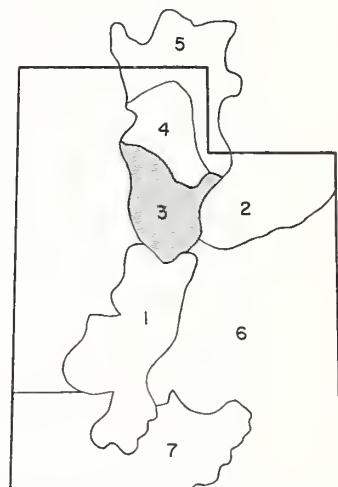
DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE
<u>OGDEN RIVER</u>							
Ben Lomond (lower)	5850	3/25	0.71	3.62b	35.94	23.47*	153
Ben Lomond Trail	6000	3/25	1.09	3.17b	39.25	24.65*	159
Causey Dam	5500	3/26	1.30	2.17b	14.56	15.63*	93
Dry Bread Pond	8230	3/26	- -	3.68b	- -	19.90*	- -
Monte Cristo # 2 x	8960	3/26	1.10	4.97b	30.10	24.65	122
Sagebrush Flat	6300	3/26	0.45	2.60b	16.14	13.36	121
<u>WEBER RIVER</u>							
Chalk Creek # 1	9100	- -	- -	- -	- -	- -	- -
Chalk Creek # 2	8000	- -	- -	3.14b	- -	14.96*	- -
Chalk Creek # 3	7500	3/25	2.33	2.54b	14.56	12.73b	114
Farmington Guard Sta.	7500	3/24	2.49	5.03	34.16	26.76	128
Farmington Rice	7000	3/24	2.40	4.65	33.99	24.38	139
Lost Creek Reservoir	6125	- -	- -	- -	- -	- -	- -
Mt. Dell Dam	5500	3/31	0.53	2.32	13.18	11.84	111
Parley's Canyon Smt.	7500	3/31	0.80	3.75*	26.26	19.33	136
Reddon Mine (upper)	9000	3/27	1.70	- -	30.01	- -	- -
Silver Lake (Brighton)	8725	3/31	1.50	5.04	39.09	24.15	162
Smith & Morehouse	7600	3/36	1.28	3.47b	20.48	16.45*	124
Trial Lake x	9800	3/28	1.55	3.82b	28.64	21.18	135

UTAH LAKE, JORDAN RIVER AND TOOEL VALLEY WATERSHEDS

10 0 10 20 30
SCALE IN MILES

LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- Forecast Point
- Snow Course
- S.C.S. Storage Gage
- W.B. Staroge Gage



WATERSHED LOCATION



INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
PROVO RIVER & UTAH LAKE						
11J20	U	Camp Altamont	29	4S	3E	7,300
11K21	U	Clear Creek Ridge #1	18	11S	6E	9,200
11K22P	U	Clear Creek Ridge #2	9	11S	6E	8,000
11K23	U	Clear Creek Ridge #3	27	10S	6E	6,600
11J23MP	U	Daniels-Strawberry Summit	20	2S	12W	8,000
11J17P	U	Dutchman R.S.	27	3S	3E	7,560
11J7P	U	East Portal	36	7S	6E	7,560
11J22P	U	Hobble Creek Summit	20	7S	5E	7,420
11J31	U	Packard Canyon	21	7S	5E	6,400
11K1P	U	Payson R.S.	30	10S	3E	8,050
11K2	U	Rock Bridge	14	10S	2E	6,750
11J25P	U	Soapstone R.S.	9	3S	8E	7,800
11J19	U	South Fork R.S.	24	4S	2E	6,100
11J8	U	Strawberry Divide	34 & 35	7S	6E	8,000
11J18	U	Timpanogos Cave Camp	27	4S	2E	5,500
11J21P	U	Timpanogos Divide	33	4S	3E	8,140
10J8P	U	Trial Lake	5	2S	9E	9,800
JORDAN RIVER & GREAT SALT LAKE						
12J2	U	Bevan's Cabin	24	4S	4W	6,450
12J5p	U	Deseret Peak	15	4S	7W	9,250
11J12P	U	Farmington Canyon (lower)	14	3N	1E	6,950
11J11	U	Farmington Canyon (upper)	26	3N	1E	8,000
11J14	U	Lamb's Canyon	19	1S	3E	6,600
12J3P	U	Middle Canyon	8	4S	3W	7,000
11J10	U	Mill D South Fork	18	2S	3E	7,400
11J15P	U	Parley's Canyon Summit x	9 & 10	1S	3E	7,600
12J1	U	Rocky Basin-Settlement Canyon	30	4S	3W	8,900
11J16P	U	Silver Lake (Brighton)	35	2S	3E	8,725
12K2P	U	Vernon Creek	21	10S	5W	7,500

LEGEND

Numbering system (example)

I0J7	SNOW COURSE ONLY
I0J7P	SNOW COURSE AND PRECIPITATION GAGE
I0J7M	SNOW COURSE AND SOIL MOISTURE STATION
I0J7A	SNOW COURSE AND AERIAL MARKER
I0J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
I0J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE
I0J7m	SOIL MOISTURE STATION ONLY
I0J7a	AERIAL MARKER ONLY
I0J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	AVERAGE

UTAH LAKE, JORDAN RIVER & TOOELLE WATERSHEDS

UTAH LAKE

Beaver Creek R.S. x	11J24	7500	3/28	32	10.5	7.6	7.7
Camp Altamont	11J20	7300	3/28	70	31.1	16.2	13.3
Clear Creek Ridge #1	11K21	9200	3/24	75	27.6	18.1	17.3b
Clear Creek Ridge #2	11K22	8000	3/24	63	20.9	14.4	12.6b
Clear Creek Ridge #3	11K23	6600	3/24	39	11.9	7.4	5.2b
Daniels Strawberry Smt.	11J23	8000	3/26	58	24.4	15.5	14.0
Dutchman R.S.	11J17	7500	3/28	64	27.8	17.1	15.8
East Portal	11J7	7560	3/31	43	18.1	13.3	10.6
Hobble Creek Summit	11J22	7300	3/26	54	21.0	14.7	12.0
Packard Canyon	11J31	6400	3/26	39	14.8	10.9	8.4b
Payson R.S.	11K1	8050	3/26	63	25.4	18.2	16.6
Rock Bridge	11K2	6750	3/26	34	13.5	10.0	11.0
Soapstone	11J25	7800	3/28	40	14.0	13.1	11.9
South Fork R.S.	11J19	6100	3/27	19	7.8	7.3	2.8
Strawberry Divide	11J8	8000	3/31	63	27.1	20.5	18.4
Timpanogos Cave Camp	11J18	5500	3/27	6	2.7	0.0	1.0
Timpanogos Divide	11J21	8140	3/28	99	44.2	24.5	22.6
Trial Lake	10J8	9800	3/28	82	31.4	24.0	25.0

JORDAN RIVER & TOOELLE VALLEY

Bevan's Cabin	12J2	6450	3/24	46	16.1	9.8	9.6b
Lamb's Canyon	11J14	6600	3/31	48	17.6	14.4	13.7
Middle Canyon-Tooelie	12J3	7000	3/28	54	21.2	13.7	12.2b
Mill D South Fork	11J10	7400	3/28	59	24.2	18.9	18.8
Parley's Caynon Smt.	11J15	7500	3/31	49	19.6	19.7	17.2
Rockey Basin-Settlement C.	12J1	8900	3/24	103	39.9	25.8	23.6b
Silver Lake	11J16	8725	3/28	84	37.4	26.3	24.1
Vernon Creek	12K1	7500	3/31	42	18.3	9.8	----

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE

UTAH LAKE

Clear Creek Ridge # 2	8000	3/24	3.80	2.73b	22.00	14.32*	154
Daniels-Strawberry Smt.	8000	3/26	0.88	3.26b	25.37	17.11b	148
Dutchman R.S.	7500	3/28	0.70*	3.32b	33.15	19.26b	172
East Portal Ridge	7800	3/31	0.75	3.12	23.09	16.90*	137
Hobble Creek Smt.	7300	3/26	0.65	--	21.30	--	--
Payson R.S.	8050	3/26	1.75	3.12b	24.20	16.97	143
Soapstone R.S.	7800	3/28	0.96	2.54b	16.83	14.67*	115
Timpanogos Divide	8200	3/28	2.70*	3.89	49.20*	23.78	207
Trial Lake	9800	3/28	1.55	3.82b	28.64	21.18	135

JORDAN RIVER & TOOKELE VALLEY

Middle Canyon	7000	3/28	2.40	3.56b	25.69	16.43	156
Mt. Dell Dam	5500	3/31	0.53	2.32	13.13	11.84	111
Parley's Canyon Smt.	7500	3/31	0.80	3.75*	26.26	19.33	136
Silver Lake (Brighton)	8725	3/31	1.50	5.04	39.09	24.15	162
Rockey Basin-Settlement Cy	8900	3/24	--	--	35.58	--	--
Vernon Creek	7500	3/31	1.10	--	21.37	--	--

LEGEND

— Watershed Boundary

— Sub-watershed Boundary

— Soil Conservation District Bdry

— County Boundary

▲ Forecast Point

● Snow Course

— S. C. S. Storage Gage

— W. B. Storage Gage

† Aerial Snow Depth Gage

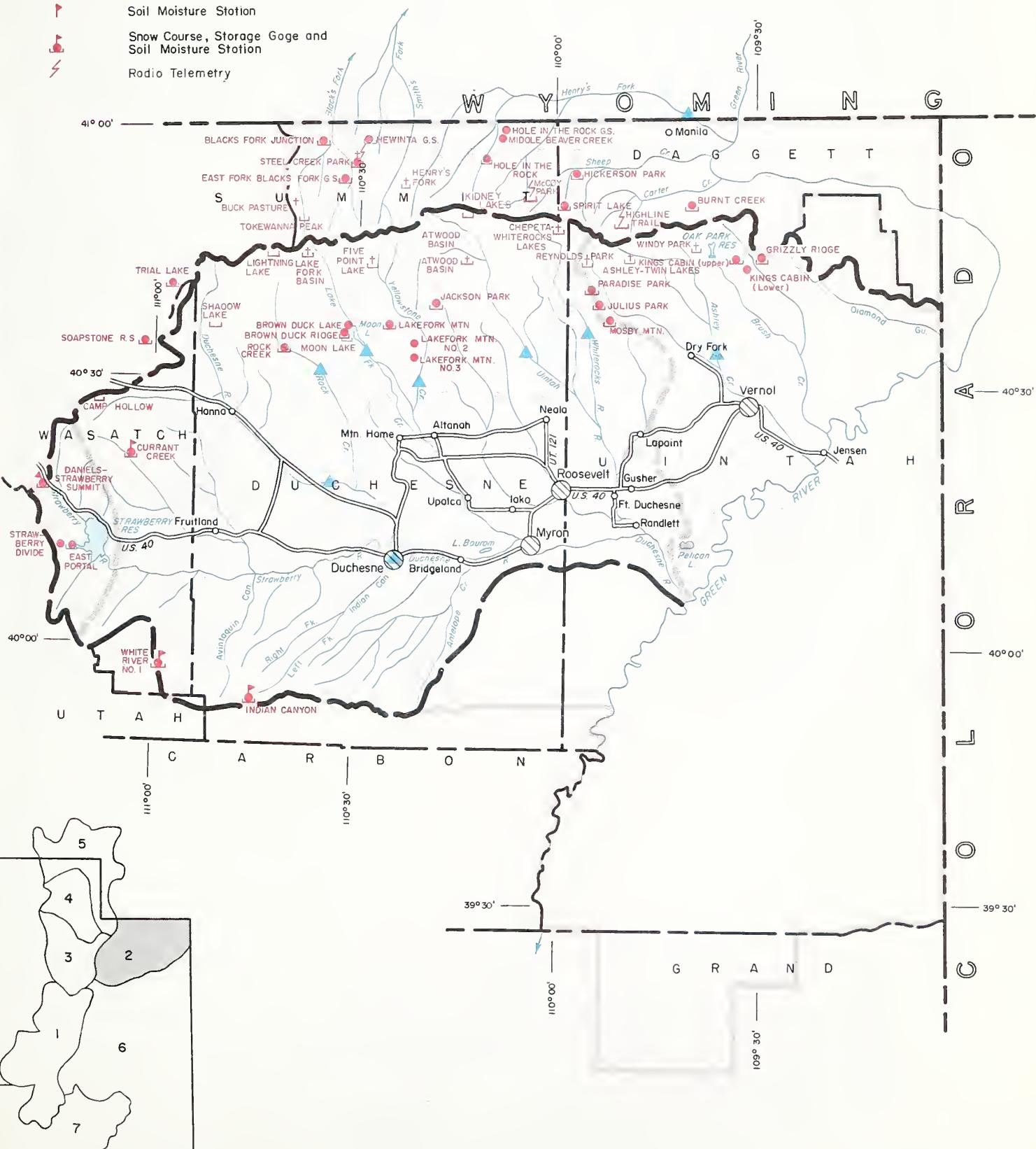
● Snow Course and Aerial Snow Depth Gage

旗 Soil Moisture Station

旗 Snow Course, Storage Gage and Soil Moisture Station

旗 Radio Telemetry

UINTAH BASIN & DAGGETT S. C. D's.



WATERSHED LOCATION

INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
UPPER GREEN RIVER IN UTAH (above Duchesne River)						
9J11a	U	Ashley Twin Lakes	20	1S	19E	10,500
10J21P	U	Black's Fork G.S.-East Fork	25	2N	12E	9,300
10J22P	U	Black's Fork Junction	33	3N	12E	8,925
10J23a	U	Buck Pasture	14	1N	11E	9,700
10J4P	U	Hewinta G.S.	33	3N	13E	9,500
9J8	U	Hickerson Park	24	2N	17E	9,100
9J15p	U	Highline Trail	23	1N	19E	10,250
10J1	U	Hole-in-the-Rock	13	2N	15E	9,150
10J3	U	Hole-in-the-Rock G.S.	32	3N	16E	8,300
9J2	U	King's Cabin (lower)	23 & 26	1S	21E	8,600
9J1P	U	King's Cabin (upper)	22	1S	21E	8,730
10J37p	U	McCoy Park	6	1N	17E	10,680
10J2	U	Middle Beaver Creek	31	3N	16E	8,550
9J7P	U	Spirit Lake	10	1N	17E	10,300
10J20A	U	Steel Creek Park	17	2N	13E	9,900
9J12a	U	Windy Park	1	1S	20E	9,400

DUCESNE RIVER

10J27a	U	Atwood Basin	21	1S	15E	10,250
10J9	U	Brown Duck Lake	2	2N	6W	10,300
9J9a	U	Chepeta-Whiterocks Lakes	3	1S	17E	10,300
11J32MP	U	Currant Creek	31	1S	10W	7,800
11J23MP	U	Daniels-Strawberry Summit x	20	2S	12W	8,000
11J7P	U	East Portal x	36	7S	6E	7,560
10J26a	U	Five Point Lake	28	4N	5W	11,000
10K1P	U	Indian Canyon	2	11S	10E	9,100
10J19	U	Jackson Park	23	3N	4W	11,300
9J6P	U	Julius Park	20	3N	1E	9,800
10J25a	U	Lakefork Basin	13	4N	7W	11,100
10J10P	U	Lakefork Mountain	2 & 3	2N	5W	10,200
10J11	U	Lakefork Mountain #2	17	2N	4W	8,900
10J12	U	Lakefork Mountain #3	29	2N	4W	8,100
9J5	U	Mosby Mountain	27	2S	18E	9,500
9J3P	U	Paradise Park	7	3N	1E	10,100
10J18P	U	Rock Creek	21	2N	7W	7,900
10J25P	U	Soapstone R.S. x	9	3S	8E	7,800
11J8	U	Strawberry Divide x	34 & 35	7S	6E	8,000
10J8P	U	Trial Lake x	5	2S	9E	9,800
10K2MP	U	White River #1 x	11	10S	8E	8,550

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
10J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE
10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	AVERAGE
			LAST YEAR				

UINTAH BASIN & DAGGETT SCD's

UINTAH BASIN SCD

Brown Duck Lake	10J9	10300	3/24	65	21.4	—	16.2b
Currant Creek	11J32	7800	3/27	47	18.8	8.9	8.0b
Daniels-Strawberry Smt.x	11J23	8000	3/26	58	24.4	15.5	14.0
East Portal x	11J7	7560	3/31	43	18.1	13.3	10.6
Indian Canyon	10K1	9100	3/28	55	20.7	14.6	11.5
Jackson Park	10J19	11300	3/21	61	20.3	13.6	12.1b
Julius Park	9J6	9800	3/26	64	22.1	13.4	12.0b
King's Cabin (lower)	9J2	8600	3/19	44	14.1	11.7	8.1
King's Cabin (upper)	9J1	8730	3/19	50	16.4	13.1	9.6
Lakefork Mountain	10J10	10500	3/24	55	18.0	12.3	11.1
Lakefork Mountain # 2	10J11	8900	3/24	44	14.6	8.5	7.2
Lakefork Mountain # 3	10J12	8100	3/24	43	13.9	7.6	5.6
Mosby Mountain	9J5	9500	3/26	53	17.8	10.1	9.7
Paradise Park	9J3	10100	3/26	62	21.9	13.0	11.4
Rock Creek	10J18	7900	3/25	42	15.0	8.1	5.9b
Soapstone R.S. x	11J25	7800	3/28	40	14.0	13.1	11.9
Strawberry Divide	11J8	8000	3/31	63	27.1	20.5	18.4
Trial Lake	10J8	9800	3/28	82	31.4	24.0	25.0
White River # 1	10K2	8600	3/27	51	18.7	14.4	12.0*

DAGGETT SCD

Black's Fork Jct.	10J22	8925	3/19	35	8.4	9.2	9.3b
East Fk. Black's Fk. G.S.	10J21	9300	3/19	32	7.8	9.2	9.4b
Hewinta Guard Station	10J4	9500	3/19	32	7.7	9.1	9.8*
Hickerson Park	9J8	9100	3/27	23	5.9	5.7	—
Hole-in-the-Rock	10J1	9150	3/30	21	5.6	4.9	5.9
Hole-in-the-Rock G.S.	10J3	8300	3/30	6	2.6	2.7	1.6b
Middle Beaver Creek	10J2	8550	3/30	17	5.2	3.7	5.3b
Spirit Lake	9J7	10300	3/27	49	14.2	12.4	12.0b
Steel Creek Park	10J20	9900	3/19	52	14.0	14.5	15.3b

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTHLY PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE

UINTAH BASIN SCD

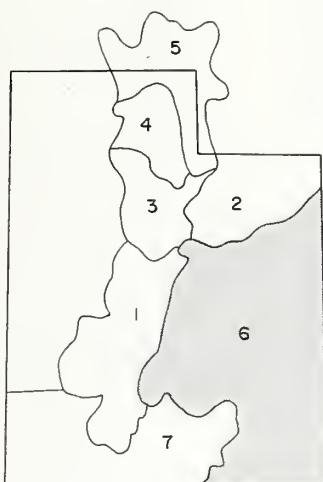
Brown Duck Ridge	10800	3/26	- -	- -	22.15*	- -	- -
Currant Creek	7800	3/27	- -	- -	19.16	12.35b	155
Daniels-Strawberry Smt. x	8000	3/26	0.88	3.26b	25.37	17.11b	148
East Portal Ridge x	7800	3/31	0.75	3.12	23.09	16.90*	144
Grizzly Ridge	8500	3/27	1.75	- -	17.45	- -	- -
Indian Canyon	9100	3/28	1.62	2.32b	18.57	13.06b	142
Jackson Park	10650	3/21	- -	- -	18.30	- -	- -
Julius Park	9800	3/26	1.29	1.86b	18.38	11.24*	164
King's Cabin (upper)	8730	3/19	2.30	2.07b	13.92	10.04*	139
Lakefork Mountain	10500	3/24	1.32	1.91b	16.78	11.09b	151
Moon Lake	8150	3/31	0.60*	1.13	9.85	7.54	131
Mosby Mountain	9500	3/26	1.10	- -	17.67	- -	- -
Paradise Park	10100	3/26	0.95	2.24b	19.14	12.54b	153
Rock Creek	7900	3/25	- -	- -	13.92	10.42b	134
Soapstone R.S. x	7800	3/28	0.96	2.54b	16.83	14.67*	115
Trial Lake x	9800	3/28	1.55	3.82b	28.64	21.18b	135
White River # 1 x	8600	3/27	1.70	2.52b	12.56	12.98*	97

DAGGETT SCD

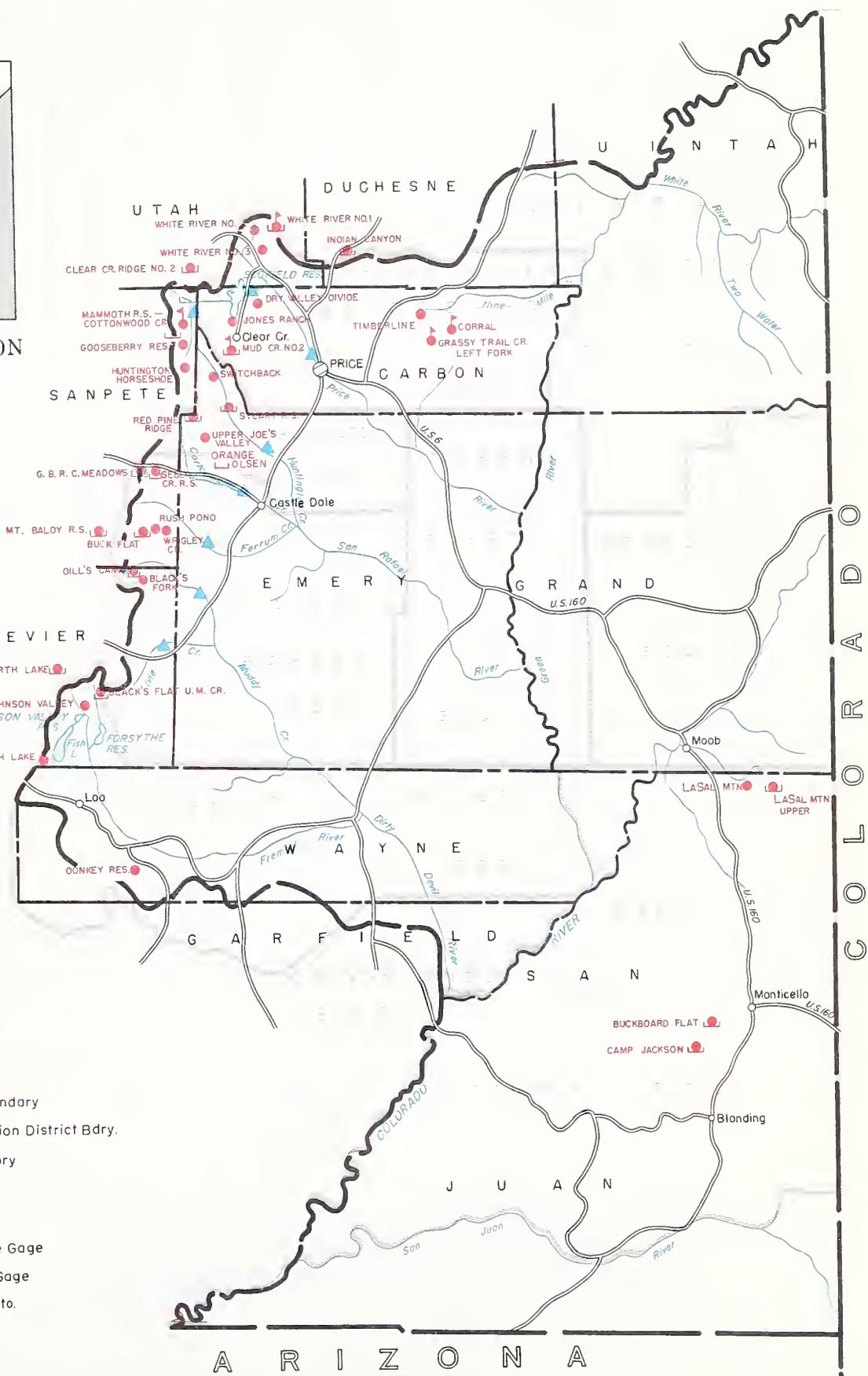
Black's Fork Jct.	8925	3/19	1.75	2.33b	9.91	10.33b	96
Burnt Creek	7900	3/27	1.81	- -	8.58	- -	- -
E. Fk. Black's Fk.G.S.	9300	3/19	1.89	2.40b	10.24	11.06b	93
Hewinta Guard Station	9500	3/19	1.86	2.59b	11.41	11.77b	96
Hickerson Park	9100	3/19	1.63	- -	6.89	- -	- -
Spirit Lake	10300	3/27	3.28	2.65	15.03	13.98*	108
Steel Creek Park	9900	--	- -	- -	- -	- -	- -

CARBON, EMERY, WAYNE, GRAND AND SAN JUAN COUNTIES

10 0 10 20 30 40
SCALE IN MILES



WATERSHED LOCATION



INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
PRICE RIVER						
10K5M	U	Corral	32	13S	14E	8,200
11K8	U	Dry Valley Divide	20	12S	8E	7,800
11K4P	U	Gooseberry Reservoir	25	13S	5E	8,700
10K3M	U	Grassy Trail Creek-Left Fork	2	14S	13E	7,970
11K5	U	Huntington-Horseshoe	12	14S	5E	9,800
10K1P	U	Indian Canyon x	2	11S	10E	9,100
11K7	U	Jones Ranch	32	12S	7E	7,600
11K3MP	U	Mammoth R.S. - Cottonwood Creek x	13 & 23	13S	5E	8,800
11K33MP	U	Mud Creek	4	14S	7E	8,300
10K6	U	Timberline	28	13S	13E	9,100
10K2MP	U	White River #1	11	10S	8E	8,550
11K24	U	White River #2	9	10S	8E	7,600
11K25	U	White River #3	30	10S	8E	7,400
SAN RAFAEL RIVER						
11K31P	U	Buck Flat	23	19S	4E	9,400
11K4P	U	Gooseberry Reservoir	25	13S	5E	8,700
11K5	U	Huntington-Horseshoe	12	14S	5E	9,800
11K28P	U	Red Pine Ridge	5	16S	6E	9,400
11K38	U	Rush Pond	24	19S	4E	9,800
11K9	U	Seeley Creek R.S.	25	17S	4E	10,000
11K27P	U	Stuart R.S.	8 & 9	15S	7E	7,950
11K26	U	Switchback	14	14S	6E	8,600
11K29	U	Upper Joe's Valley	21	16S	6E	8,800
11K32	U	Wrigley Creek	27	19S	5E	9,000
MUDDY RIVER						
11K14	U	Black's Fork	34	20S	4E	9,200
11K15	U	Dill's Camp	27	20S	4E	9,200
FREMONT RIVER						
11L4P	U	Black's Flat-U.M. Creek	33	24S	3E	9,250
11L5	U	Donkey Reservoir	9	30S	4E	9,800
11L3	U	Fish Lake	35	26S	1E	8,700
11L6	U	Johnson Valley	24	25S	2E	8,850
SOUTHEASTERN UTAH DRAINAGES						
9M1P	U	Buckboard Flat	36	33S	22E	9,000
9M2P	U	Camp Jackson	22	34S	22E	8,600
9L1	U	LaSal Mountain	5	27S	24E	8,800
9L2P	U	LaSal Mountain (upper)	3	27S	24E	9,400

LEGEND

Numbering system (example)

I0J7	SNOW COURSE ONLY
I0J7P	SNOW COURSE AND PRECIPITATION GAGE
I0J7M	SNOW COURSE AND SOIL MOISTURE STATION
I0J7A	SNOW COURSE AND AERIAL MARKER
I0J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
I0J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE
I0J7m	SOIL MOISTURE STATION ONLY
I0J7a	AERIAL MARKER ONLY
I0J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD		
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	LAST YEAR	AVERAGE

CARBON, EMERY, WAYNE, GRAND, & SAN JUAN

PRICE RIVER

Corral	10K5	8200	3/28	47	18.0	- -	7.2b
Dry Valley Divide	11K8	7800	3/26	48	18.4	10.2	9.4
Gooseberry Reservoir	11K4	8700	3/26	75	31.0	21.5	18.1
Grassey Trail Crk-Left Fk.	10K3	7970	3/28	55	20.0	- -	19.0
Huntington-Horseshoe	11K5	9800	3/26	78	32.4	24.6	23.4
Indian Canyon x	10K1	9100	3/28	55	20.7	14.6	11.5
Jones Ranch	11K7	7600	3/26	40	15.1	4.3	4.9b
Mammoth R.S.-Ctnwd. Crk.	11K3	8800	3/26	76	31.8	21.7	19.0
Mud Creek # 2	11K33	8300	3/26	58	20.9	12.2	12.3*
Timberline	10K6	9100	3/28	68	25.9	- -	13.6b
White River # 1	10K2	8600	3/27	51	18.7	14.4	12.0
White River # 2	11K24	7600	3/27	39	14.4	8.9	7.3b
White River # 3	11K25	7400	3/27	35	13.4	5.9	6.6b

SAN RAFAEL RIVER

Buck Flat	11K31	9400	3/24	64	23.1	15.9	15.9b
Gooseberry Reservoir x	11K4	8700	3/26	75	31.0	21.5	18.1
Huntington-Horseshoe	11K5	9800	3/26	78	32.4	24.6	23.4
Mammoth R.S.-Ctnwd.Crk. x	11K3	8800	3/26	76	31.8	21.7	19.0
Red Pine Ridge	11K28	9400	3/25	64	24.5	18.5	16.9b
Rush Pond	11K38	9800	3/24	59	20.5	13.4	13.8b
Seely Creek R.S.	11K9	10000	3/28	56	21.6	19.4	15.0
Stuart R.S.	11K27	7950	3/26	39	14.5	8.4	7.3b
Switchback	11K26	8600	3/26	63	25.0	16.5	15.3b
Upper Joe's Valley	11K29	8800	3/25	46	16.4	10.5	9.5b
Wrigley Creek	11K32	9000	3/24	52	17.6	11.9	10.6b

MUDDY & FREMONT RIVERS

Black's Flat-U.M. Creek	11L4	9250	3/24	49	16.1	12.8	9.3b
Black's Fork	11K14	9200	3/21	55	20.6	16.7	12.9
Dill's Camp	11K15	9200	3/21	54	19.3	15.8	11.3*
Donkey Reservoir	11L5	9800	3/25	34	9.3	7.4	6.8b
Farnsworth Lake x	11L1	9900	3/27	63	22.9	19.4	17.4
Fish Lake	11L3	8700	3/24	44	14.4	11.6	5.7
Johnson Valley	11L6	8850	3/24	41	13.4	9.6	6.0b
Mt. Baldy R.S. x	11K12	9500	3/25	88	32.3	23.6	21.8

SOUTHEASTERN UTAH DRAINAGES

Buckboard Flat	9M1	9000	3/18	62	21.2	17.6	11.4
Camp Jackson	9M2	8600	3/19	71	26.2	18.3	10.5b
LaSal Mountain	9L1	3800	3/20	38	13.4	13.9	8.7
LaSal Mountain (upper)	9L2	9600	3/20	56	20.1	21.2	15.5b

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE

PRICE RIVER

Clear Creek Ridge # 2	8000	3/24	3.80	2.73b	22.00	14.32*	154
Gooseberry Reservoir	8700	3/26	1.60	3.44b	26.06	17.27b	151
Indian Canyon	9100	3/28	1.62	2.32b	18.57	13.06b	142
Mammoth R.S. # 2	8600	3/26	1.66	3.83b	27.79	18.23b	152
Mud Creek	8300	3/26	1.35	2.99*	21.05	14.30*	147
White River # 1	8600	3/27	1.70	2.52b	12.56	12.98*	97

SAN RAFAEL RIVER

Buck Flat	9400	3/24	2.70	3.59*	23.20	16.15*	144
G.B.R.C. Meadows x	10000	3/28	2.20	4.62	24.75	21.03	113
Gooseberry Reservoir x	8700	3/26	1.60	3.44b	26.06	17.27b	151
Orange Olsen	7300	3/25	0.45	--	10.15	--	--
Red Pine Ridge	9400	3/25	1.50	3.83b	24.50	18.98*	129
Stuart R.S.	7950	3/26	--	--	15.20	11.21*	136

FREMONT & MUDDY RIVERS

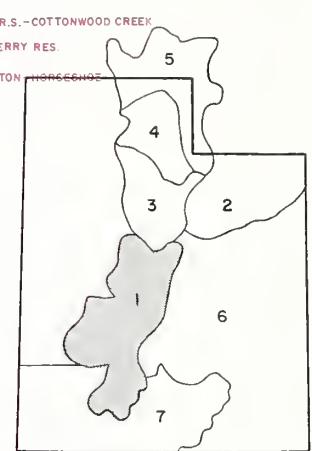
Dill's Camp	9200	3/21	--	--	17.70	--	--
Black's Flat-U.M. Crk.	9250	3/24	4.40	2.87b	15.88	11.80*	135
Farnsworth Lake x	9900	3/27	5.22	4.63b	22.29	18.15b	123
Fish Lake	8700	3/24	3.17	1.73b	13.69	8.11b	169
Widtsoe-Escalante # 3	9500	3/26	2.80	2.49b	16.10	12.44b	129

SOUTHEASTERN UTAH DRAINAGES

Buckboard Flat	9000	3/18	8.00	2.88b	21.39	16.92b	126
Camp Jackson	8600	3/19	7.55	2.65*	25.03	14.31*	175
LaSal Mountain (upper)	9600	3/20	3.40	--	17.39	14.56*	119

SEVIER RIVER BASIN including BEAVER RIVER

10 0 10 20 30
SCALE IN MILES



WATERSHED LOCATION

LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- Forecast Point
- Snow Course
- Soil Moisture Station
- S.C.S. Storage Gage
- W.B. Storage Gage



INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
UPPER SEVIER RIVER (South of Richfield, Utah)						
12L7P	U	Big Flat x	18	29S	4W	10,290
12L4P	U	Box Creek	33	26S	2W	9,800
12M8	U	Bryce Canyon	36	36S	4W	8,000
12M13P	U	Castle Valley	22	36S	8W	9,700
12M1P	U	Cedar Breaks	2	37S	9W	10,390
12M4P	U	Duck Creek R.S.	11	38S	8W	8,560
11L3	U	Fish Lake x	35	26S	1E	8,700
12M5	U	Harris Flat	24	38S	7W	7,700
12L6P	U	Kimberly Mine	11	27S	5W	9,100
12M6	U	Long Valley Junction x	22	38S	6W	7,500
12M2M	U	Midway Valley	26	37S	9W	9,800
12M7P	U	Panguitch Lake	4 & 5	36S	7W	8,200
12L5	U	Squaw Springs	3	27S	2W	9,300
11M1	U	Widtsoe-Escalante Summit	22	34S	1W	9,500
11M2	U	Widtsoe-Escalante #2	22	34S	1W	9,500
11M3P	U	Widtsoe-Escalante #3	22	34S	1W	9,500
11M4P	U	Widtsoe R.S.	22	34S	2W	7,600
LOWER SEVIER RIVER (Including San Pitch River)						
12L3	U	Bear Canyon	17	22S	3W	7,200
11K13P	U	Beaver Dams	27	19S	3E	8,000
11L1P	U	Farnsworth Lake	27 & 33	23S	2E	9,900
11K11P	U	G.B.R.C. Headquarters	21	17S	4E	8,700
11K10	U	G.B.R.C. Meadows	26 & 27	17S	4E	10,000
11L2	U	Gooseberry R.S.	32	23S	2E	8,400
11K4P	U	Gooseberry Reservoir x	25	13S	5E	8,700
11K5	U	Huntington-Horseshoe x	12	14S	5E	9,800
11K3MP	U	Mammoth R.S.-Cottonwood Creek	13	13S	5E	8,800
11K34	U	Middle Fork	16	18S	4E	9,600
11K12P	U	Mt. Baldy R.S.	19	19S	4E	9,500
11K2P	U	Oak Creek	9	17S	3W	7,760
12L1P	U	Pine Creek	24	22S	4W	8,700
11K36	U	Rees's Flat	24	15S	2E	7,300
12L11P	U	Shingle Mill	5	22S	3W	6,200
11K35	U	Thistle Flat	24	18S	4E	8,500
BEAVER RIVER						
12L7P	U	Big Flat	18	29S	4W	10,290
12L9P	U	Merchant's Valley	8 & 9	29S	5W	8,200
12L8	U	Otter Lake	1	29S	5W	9,300

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
10J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE
10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (inches)	WATER CONTENT (inches)	WATER CONTENT (inches)	LAST YEAR

SEVIER RIVER BASIN INCLUDING BEAVER RIVER

UPPER SEVIER RIVER - South of Richfield, Utah

Big Flat x	12L7	10290	3/25	77	28.5	17.7	16.9
Box Creek	12L4	9800	3/26	59	20.1	14.6	11.7b
Bryce Canyon	12M8	8000	3/28	33	11.9	6.3	2.0
Castle Valley	12M13	9700	3/27	59	24.5	14.1	11.7b
Cedar Breaks	12M1	10390	3/25	101	40.4	21.7	19.7
Duck Creek R.S.	12M4	8560	3/28	81	34.1	17.8	11.8
Fish Lake	11L3	8700	3/24	44	14.4	11.6	5.7
Harris Flat R.S.	12M5	7700	3/28	58	24.0	10.0	5.7
Kimberly Mine	12L6	8900	3/24	69	24.3	18.4	14.3
Long Valley Jct. x	12M6	7500	3/28	36	15.4	2.9	1.2
Midway Valley	12M2	9800	3/24	107	42.0	25.3	20.2b
Panguitch Lake	12M7	8200	3/27	26	10.0	4.8	2.2
Squaw Springs	12L5	9300	3/26	44	13.8	9.6	6.3b
Widtsoe-Escalante Smt.	11M1	9500	3/26	38	14.2	10.4	5.4
Widtsoe-Escalante # 2	11M2	9500	3/26	42	14.3	10.4	8.1
Widtsoe-Escalante # 3	11M3	9500	3/26	50	17.2	13.6	7.4b

LOWER SEVIER RIVER--Including San Pitch

Beaver Dams	11K13	8000	3/25	47	16.8	12.8	11.2
Farnsworth Lake	11L1	9900	3/27	63	22.9	19.4	17.4
G.B.R.C. Headquarters	11K11	8700	3/28	58	20.7	17.2	16.1
G.R.B.C. Meadows	11K10	10000	3/28	80	31.2	23.5	24.3
Gooseberry R.S.	11L2	8400	3/27	46	16.4	12.6	10.8
Gooseberry Reservoir x	11K4	8700	3/26	75	31.0	21.5	18.1
Huntington-Horseshoe	11K5	9800	3/26	78	32.4	24.6	23.4
Mammoth R.S.-Ctwd. Crk.	11K3	8800	3/26	76	31.8	21.6	19.0
Middle Fork	11K34	9600	3/24	91	35.0	25.6	22.5b
Mt. Baldy R.S.	11K12	9500	3/25	88	32.3	23.6	21.8
Oak Creek	12K2	7760	3/28	53	18.5	14.9	---
Pickle Keg Springs	11K39	9600	4/1	51	20.4	18.0	---
Pine Creek	12L1	8700	3/27	57	22.0	18.2	15.0
Ree's Flat	11K36	7300	3/21	49	16.9	13.3	12.0b
Salina Creek (lower)	11L8	7250	4/1	17	6.3	0.0	---
Shingle Mill	12L11	6200	3/27	34	12.1	10.9	8.3b
Thistle Flat	11K35	8500	3/24	66	21.9	16.6	15.5b
White Gate	11L7	9350	4/1	38	15.8	12.4	---

BEAVER RIVER

Big Flat	12L7	10290	3/25	77	28.5	17.7	16.9
Merchant Valley	12L9	8200	3/25	50	18.8	12.5	8.1
Otter Lake	12L8	9300	3/25	67	25.4	16.6	13.3

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE

SEVIER RIVER

Beaver Dams	8000	3/25	4.25	3.02b	17.55	14.32b	123
Big Flat x	10290	3/25	5.35	3.66b	25.90	15.52*	167
Box Creek	9800	3/26	1.80	3.07b	19.90	13.20b	151
Castle Valley	9700	3/27	1.65	3.19b	22.85	14.49b	158
Cedar Breaks	10390	3/25	1.10	3.05	28.25	15.63*	181
Duck Creek R.S.	8560	3/28	- -	3.20b	27.60	16.65*	166
Farnsworth Lake	9900	3/27	5.22	4.63b	22.29	18.15b	123
Fish Lake	8700	3/24	3.17	1.73b	13.69	8.11b	169
G.B.R.C. Headquarters	8700	3/28	1.40	3.80	20.05	17.57	114
G.B.R.C. Meadows	10000	3/28	2.20	4.62	24.75	21.03	118
G.B.R.C. Oaks	7655	3/28	1.72	2.53	14.21	12.05	118
Gooseberry R.S.	7800	3/27	3.45	3.03	15.58	12.59*	124
Gooseberry Reservoir x	8700	3/26	1.60	3.44b	26.06	17.27b	151
Kimberly Mine	8900	3/24	5.65	4.04*	25.85	17.12*	151
Mammoth R.S. # 2 x	8600	3/26	1.66	3.83b	27.79	18.23b	152
Mt. Baldy	9500	3/25	4.80	3.42b	23.55	15.85b	149
Oak Creek	7760	3/28	- -	- -	22.00*	- -	- -
Panguitch Lake	8200	3/27	1.60	1.29b	11.20	6.80b	165
Pickle Keg Springs	9600	4/1	- -	- -	21.21	- -	- -
Pine Creek	8700	3/27	3.55	5.65b	26.72	21.74b	123
Salina Creek (lower)	7250	4/1	- -	- -	10.10	- -	- -
Shingle Mill	6200	3/27	3.29	3.17b	17.21	13.75b	125
Webster Flat x	9200	3/24	3.90	3.13	31.60	17.95*	176
White Gate	9350	4/1	- -	- -	11.50	- -	- -
Widtsoe-Escalante # 3	9500	3/26	2.80	2.49	16.10	12.44b	129
Widtsoe R.S.	7600	3/26	1.30	0.77	6.30	4.55	138

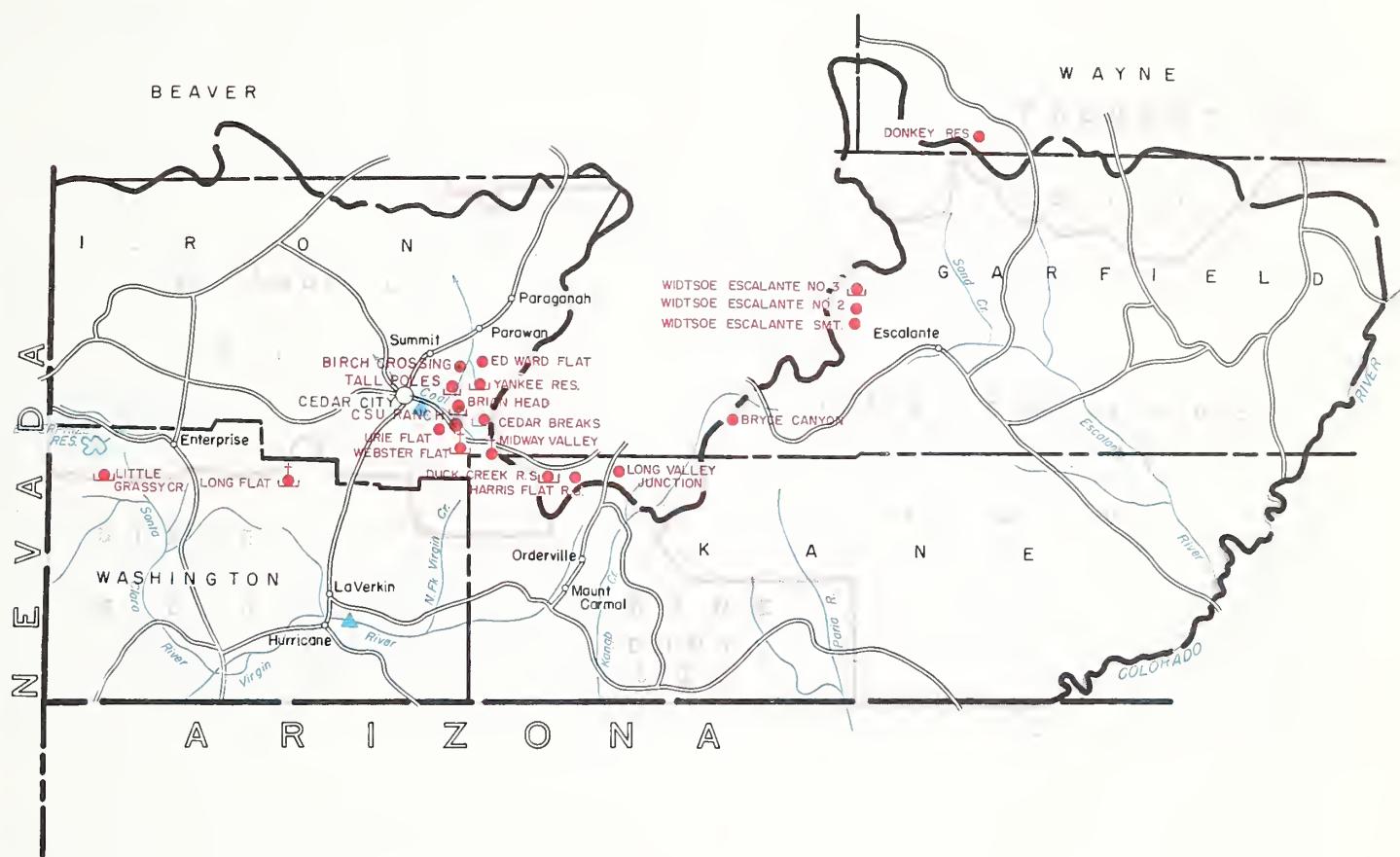
BEAVER RIVER

Beaver Canyon P.H.	7275	3/31	1.61	- -	12.63	- -	- -
Big Flat	10290	3/25	5.35	3.66b	25.90	15.52*	167
Merchant's Valley	8650	3/25	4.39	- -	20.44	- -	- -

EAST GARFIELD, KANE, WASHINGTON AND IRON COUNTIES

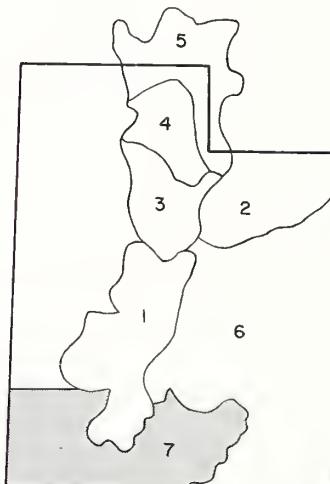


10 0 10 20 30 40
SCALE IN MILES



LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- ▲ Forecast Point
- Snow Course
- † Aerial Snow Depth Gage
- S.C.S. Storage Gage
- W.B. Storage Gage



WATERSHED LOCATION

INDEX

NO	STATE	NAME	SEC	TWP	RGE	ELEV
PARIA RIVER						
12M8	U	Bryce Canyon x	36	36S	4W	8,000
PAROWAN CREEK						
12M16	U	Birch Crossing	23	35S	9W	8,100
12M14	U	Brian Head	10	36S	9W	10,000
12M12	U	Ed Ward Flat	17	35S	8W	8,300
12M15	U	Tall Poles	26 & 35	35S	9W	8,800
12M11P	U	Yankee Reservoir	20	35S	8W	8,700
COAL CREEK						
12M1P	U	Cedar Breaks x	2	37S	9W	10,390
12M17	U	CSU Ranch	18	37S	9W	8,200
12M2M	U	Midway Valley x	26	37S	9W	9,800
12M10	U	Urie Flat	11	37S	10W	8,450
12M3MP	U	Webster Flat x	20	37S	9W	9,200
ENTERPRISE TO NEW HARMONY DRAINAGES						
13M4MP	U	Little Grassy Creek	15	38S	17W	6,100
13M2MP	U	Long Flat	2	38S	14W	8,000
ESCALANTE RIVER						
11M1	U	Widtsoe-Escalante Summit	22	34S	1W	9,500
11M2	U	Widtsoe-Escalante #2	22	34S	1W	9,500
11M3P	U	Widtsoe-Escalante #3	22	34S	1W	9,500
VIRGIN RIVER						
12M1P	U	Cedar Breaks x	2	37S	9W	10,390
12M4P	U	Duck Creek R.S. x	11	38S	8W	8,560
12M5	U	Harris Flat x	24	38S	7W	7,700
12M6	U	Long Valley Junction	22	38S	6W	7,500
12M2M	U	Midway Valley x	26	37S	9W	9,800
12M3MP	U	Webster Flat	20	37S	9W	9,200

LEGEND

Numbering system (example)

I0J7	SNOW COURSE ONLY
I0J7P	SNOW COURSE AND PRECIPITATION GAGE
I0J7M	SNOW COURSE AND SOIL MOISTURE STATION
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I0J7m	SOIL MOISTURE STATION ONLY
I0J7a	AERIAL MARKER ONLY
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x	ADJACENT DRAINAGE

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	AVERAGE

EAST GARFIELD, KANE, WASHINGTON & IRON

ESCALANTE RIVER

Widtsoe-Escalante Smt.	11M1	9500	3/26	38	14.2	10.4	5.4
Widtsoe-Escalante #2	11M2	9500	3/26	42	14.3	10.4	8.1
Widtsoe-Escalante #3	11M3	9500	3/26	50	17.2	13.6	9.4b

PARIA RIVER

Bryce Canyon x	12M8	8000	3/28	33	11.9	6.3	2.0
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VIRGIN RIVER & COAL CREEK

CSU Ranch	12M17	8200	3/24	58	23.8	6.9	- -
Cedar Breaks	12M1	10390	3/25	101	40.4	21.7	19.7
Duck Creek R.S.	12M4	8560	3/28	81	34.1	17.8	11.8
Harris Flat x	12M5	7700	3/28	58	24.0	10.0	5.7
Long Valley Jct.	12M6	7500	3/28	36	15.4	2.9	1.2
Midway Valley x	12M2	9800	3/24	107	42.0	25.3	20.2b
Urie Flat	12M10	8450	3/24	51	21.6	9.2	5.1b
Webster Flat	12M3	9200	3/24	92	38.1	18.2	14.1

PAROWAN CREEK

Birch Crossing	12M16	8100	3/27	29	10.3	7.2	- -
Brian Head	12M14	10400	3/25	82	30.2	22.7	- -
Ed Ward Flat	12M12	8300	3/25	34	10.8	9.4	6.5
Tall Poles	12M15	8800	3/25	55	19.0	15.8	- -
Yankee Reservoir	12M11	8700	3/25	40	12.2	12.4	9.1

ENTERPRISE TO NEW HARMONY DRAINAGES

Little Grassy Creek	13M4	6100	3/26	30	12.1	0.0	0.4b
Long Flat	13M2	8000	3/26	37	13.9	7.8	5.1b

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE

ESCALANTE RIVER

Widtsoe Escalante # 3	9500	3/26	2.80	2.49b	16.10	12.44b	129
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VIRGIN RIVER

Duck Creek R.S.	8560	3/28	- -	3.20b	31.00	16.65*	190
Webster Flat	9200	3/24	3.90	3.13*	31.60	17.95*	176

COAL CREEK

Cedar Breaks	10390	3/25	1.10	3.05	28.25	15.63*	181
Webster Flat x	9200	3/24	3.90	3.13*	31.60	17.95*	176

PAROWAN CREEK

Tall Poles	8800	3/25	3.49	- -	18.59	- -	- -
Yankee Reservoir	8700	3/25	4.35	2.84b	13.54	11.33b	120

ENTERPRISE TO NEW HARMONY DRAINAGE

Little Grassy Creek	6100	3/26	1.40	2.19b	14.55	11.68*	124
Long Flat	8000	3/26	3.50	2.65b	16.40	11.56b	142

FOOTNOTES

- (1) Data supplied by U. S. Forest Service
- (2) Data supplied by U. S. Weather Bureau
- (3) Data supplied by U. S. Geological Survey

- (a) 1953-67 - 15-year average period
- (b) Average of all past record - less than 15 years
- (c) Taken at Compromise point

- (A) Aerial observation - water content estimated
- (x) Adjacent drainage
- * Partly estimated

The following footnotes apply only to Streamflow Forecast pages.

- (1) Includes UP&L Co. tailrace and Logan, Hyde Park & Smithfield Canal.
- (2) Observed flow plus change in storage in East Canyon Reservoir.
- (3) Inflow record as computed by U. S. Bureau of Reclamation.
- (4) Observed flow Weber River near Wanship, Utah, plus change in storage in Rockport Reservoir, plus diversion by Weber-Provo Canal.
- (5) Includes diversion by Weber-Provo Canal and change in storage in Rockport Reservoir.
- (6) Observed flow minus diversions thru Duchesne tunnel and Weber-Provo Canal.
- (7) Observed flow plus change in storage in Deer Creek Reservoir, minus diversions thru Duchesne tunnel & Weber-Provo Canal.
- (8) Change in storage plus diversion thru Strawberry tunnel.
- (9) Observed flow plus change in storage in Otter Creek Reservoir.
- (10) Gage is below diversions near Salina.
- (11) Observed flow plus change in storage in Otter Crk & Piute Reservoirs.
- (12) Observed flow at Rockyford Dam, corrected for change in storage in Minersville Reservoir.
- (13) Observed flow plus diversion through Duchesne Tunnel.
- (14) Observed flow plus change in storage in Moon Lake Reservoir.
- (15) Observed flow plus change in storage reservoir.

- (a) Runoff forecasts are based principally on mountain snow cover and on the assumption that precipitation and temperature will be near average from the present time to the end of the forecast period. Appreciable deviations from normal of temperature and/or precipitation will correspondingly modify these forecasts. The discharge data is taken from preliminary records of the U. S. Geological Survey.

Agencies Cooperating in Utah Snow Surveys

U.S. GOVERNMENT AGENCIES

U.S. Department of Agriculture
Soil Conservation Service
Forest Service
U.S. Department of Commerce
Weather Bureau
U.S. Department of Interior
Bureau of Reclamation
Geological Survey
National Park Service

STATE AGENCIES

Utah State University
Utah Fish and Game Department
Utah State Department of Natural
Resources, Division of Water Rights
Bear River Commissioner
Price River Commissioner
Provo River Commissioner
Sevier River Commissioners
Spanish Fork River Commissioner
Utah Lake and Jordan River Commissioner

MUNICIPALITIES

Manti
Salt Lake City

ORGANIZED PUBLIC AGENCIES

Beaver River Water Users Association
Board of Canal Presidents - Jordan River
Emery Canal and Reservoir Company
Moon Lake Water Users Association
Ogden River Water Users Association
Provo River Water Users Association
Strawberry Water Users Association
Sevier River Water Users Association

PRIVATE AGENCIES

Kaiser Steel Corporation

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